Amendments to the Claims

1. (Currently amended) A fluid dynamic bearing motor comprising:

a base having a bore hole;

a liner secured within the bore hole, wherein the liner includes a ~~bottom~~ first end, and a second end, wherein the second end includes an inner surface having a hole formed there through;

a rotor assembly having a shaft partially disposed within the liner, the shaft configured to rotate on the surface of the second end of the liner and relative to the liner;

a fluid dynamic bearing disposed between the liner and shaft; and

a recirculation channel disposed outside of the liner, the recirculation channel for recirculating lubricating fluid during relative rotation of the shaft and the liner.

2. (Canceled)

3. (Previously presented) The fluid dynamic bearing motor of claim 1, wherein the base includes the recirculation channel, the recirculation channel extending along a wall of the bore hole and along a bottom of the bore hole.

4. (Original) The fluid dynamic bearing motor of claim 3, further comprising a capillary seal having a reservoir, the capillary seal defined between a wall of the liner and a tapered section of the shaft.

5. (Original) The fluid dynamic bearing motor of claim 4, wherein the fluid dynamic bearing is configured to pump bearing fluid through the hole in the bottom surface of the liner into the recirculation channel and through the recirculation channel into the reservoir.

6. (Original) The fluid dynamic bearing motor of claim 1, wherein the fluid dynamic bearing comprises a journal bearing and a thrust bearing.

7. (Previously presented) The fluid dynamic bearing motor of claim 6, wherein the journal bearing is configured asymmetrically to pump bearing fluid towards the bottom of the liner.

8. (Original) The fluid dynamic bearing motor of claim 7, wherein the journal bearing includes at least two grooved bearing surfaces.

9. (Original) The fluid dynamic bearing motor of claim 1, wherein the base is at least one of forged, molded or casted.

10. (Original) The fluid dynamic bearing motor of claim 1, wherein the base is at least one of machined, casted, forged or molded.

11. (Original) The fluid dynamic bearing motor of claim 1, wherein the rotor assembly includes a cold-worked hub.

12. (Original) The fluid dynamic bearing motor of claim 11, wherein the cold-worked hub is at least one of drawn, hydroformed, spun, molded, casted, forged or stamped.

13. (Original) The fluid dynamic bearing motor of claim 11, wherein the cold-worked hub further includes: a flange; and a stepped cylindrical sidewall extending from the flange and circumscribing at least a portion of the base.

14. (Original) The fluid dynamic bearing motor of claim 11, further comprising a magnet attached to the cold-worked hub and a stator coupled to the base, the magnet and the stator being configured to generate a downward acting preloading force on the cold-worked hub.

15-20. (Cancelled)

21. (Currently amended) The fluid dynamic bearing motor of claim 1, wherein the ~~liner includes~~

~~a top having~~ first end has an opening and the recirculation channel extends from the hole formed through the ~~bottom~~ second end of the liner to the opening of the liner.

22. (Currently amended) The fluid dynamic bearing motor of claim 1, wherein the ~~liner includes a top having~~ first end has an opening and the recirculation channel is disposed to communicate lubricating fluid from the hole formed through the ~~bottom~~ second end of the liner to the opening of the liner.